



## HIGH STRENGTH RENDER

SGM High Strength Pool Render is a cementitious blend of proprietary admixtures and select aggregates. HSR was engineered as a versatile and exceptional strength thin & thick bed render. Factory blended to produce a consistent quality mix from batch to batch, eliminating additional costly job-site additives. HSR is conveniently packaged in 50 lb. (22.7kg) polyethylene lined bags and custom palletized for easy handling and movement on the job-site. Use for bonded and non-bonded, conventional mortar bed where additional strength is desired. HSR is ideally suited for use as a render substrate for applications in wet areas. Use in place of Type S or Type N Mortar.

HSR is watertight and is recommended for Sealing, Leveling, Patching, Parge Coats, Underlayments, Swimming Pools and Waterline Tile Prep.

### MANUFACTURER:

SGM, Inc.  
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(800) 641-9247  
(954) 943-2288  
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sales@sgm.cc

### TECHNICAL DATA:

#### APPLICABLE STANDARDS

Our material is tested and certified by independent laboratories. All data is given in good faith; however, we reserve the right to change products and specifications without notice. SGM advises interested parties to satisfy themselves as to the accuracy of any data and seek certification if appropriate.

#### INSTALLATION

##### SURFACE PREPARATION:

##### Gunite, Shotcrete and Plaster Surfaces:

All masonry should be 28 days cured and shall be structurally sound, clean and free of any moisture, wax, oil, paint particles, curing agents or foreign matter that may affect proper bonding or product performance. Remove any liquid curing agents or concrete sealers, followed by a clear water wash.

##### MIXING:

Using a clean mortar box or mechanical mixer, add sufficient cool clean potable water to desired, plastic like, consistency. Allow HSR to slake for five (5) minutes, and then re-mix before use. Do not add any additional water, latex, or powder after the HSR has slaked. Do not re-temper, discard and prepare fresh mix. Machine mixing is preferred. Note: All cement-based products have potential for efflorescence to materialize.

### DIRECTIONS:

**READ ENTIRE LABEL AND PIS/SDS BEFORE USING HSR.**

#### LEVELING:

HSR should be applied to substrates using hand trowel or screed. Then using a straight edge or Darby, straighten to uniform level. **Note:** As the tile size decreases, there is less tolerance for variation in the substrate from the required plane. One or more coats may be required to obtain uniform level, depending on the substrate. All materials and effected areas should remain above 40°F (4.4°C) or below 100°F (38°C) 24 hrs. prior and 72 hrs. after placement.

#### PATCH & SEAL:

Apply sufficient amount of HSR to provide a complete watertight seal around interior pool fixtures, tile, rocks or other transition areas.

#### WARNING:

Product is alkaline on contact with water. Use paddle for mixing to avoid splashing into eyes or contact with skin. During mixing or application avoid contact with eyes. In case of such contact, flood eyes repeatedly with water and CALL PHYSICIAN. Wash thoroughly after handling and before smoking or eating. Do not take internally. CONTAINS FREE SILICA DO NOT BREATHE DUST. Prolonged exposure to dust may cause delayed lung disease (Silicosis). WARNING: This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov). Wear NIOSH approved mask for Silica dust. KEEP OUT OF REACH OF CHILDREN.

#### CLEANING:

Water is all that is required to remove uncured mortar.

### COVERAGE:

HSR Usage Chart

24 sq. ft per 50 lb bag at ¼" thickness  
12 sq. ft per 50 lb bag at ½" thickness  
8 sq. ft per 50 lb bag at ¾" thickness  
6 sq. ft per 50 lb bag at 1" thickness

### SHELF LIFE:

Up to one year from date of manufacture in unopened properly store container.

### AVAILABILITY AND COST:

**Availability:** SGM, Inc has manufacturing and distribution inventory facilities throughout the United States and abroad, allowing for timely deliveries. Contact SGM, Inc for local availability. **Packaging:** Multi-ply heavy-duty lined bag, net wt. 50 lb. **Cost:** HSR is competitively priced. For specific price information, contact SGM, Inc.

### WARRANTY:

SGM Inc. warrants this product will perform in accordance with its intended use for a period of one year from the date of manufacture. Any claim for defective product must be submitted in writing to SGM Inc. and samples of defect must be provided. EXCEPT AS PROVIDED HEREIN, SGM INC. MAKES NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PARTICULAR PURPOSE. IN NO EVENT SHALL SGM INC. BE LIABLE FOR DAMAGES OF ANY KIND OR NATURE, WHETHER ARISING BY CONTRACT, TORT OR OTHERWISE. SGM INC.'S SOLE OBLIGATION WILL BE TO REPLACE ANY PRODUCT DETERMINED BY SGM INC. TO BE DEFECTIVE.

### MAINTENANCE:

None is required

**TECHNICAL SERVICES:**

Technical assistance, including more detailed information, product literature, test results, project list, samples, assistance in preparing project specifications and arrangements for job site inspection and supervision, is available by contacting Technical Services Department.

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**WARNING:** This product can expose you to chemicals including silica, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).